SEED MIXES (FOR WETLANDS)

ModAg Wetland Seed Mix		
SCIENTIFIC NAME	COMMON NAME	PERCENT SEED
Panicum virgatum	switchgrass	33
Elymus virginicus	Virginia Wild Rye	25
Lolium multiflorum	annual rye	18
Dactylis glomerata	orchard grass	16
Trifolium pratense	red clover	5
Agrostis alba	red top	3
	Total	100
Seeding rates: 25 l	oulk lbs/acre with grain oats or	equal at 30 lbs/acre

* Seed mix subject to change based on landowner comments

Emergent Wetlands Seed Mix		
SCIENTIFIC NAME	COMMON NAME	PERCENT SEED
Carex vulpinoidea	Fox Sedge	27
Sparganium eurycarpum	Giant Burreed	10
Carex lurida	Lurid Sedge	8
Carex squarrosa	Squarrose Sedge	8
Scirpus atrovirens	Green Bulrush	8
Verbena hastata	Blue Vervain	7
Carex comosa	Cosmos Sedge	5
Carex crinita	Nodding Sedge	5
Aster puniceus	Purple Stemmed Aster	3
Eupatorium fistulosum	Joe Pye Weed	3
Eupatorium perfoliatum	Boneset	3
Iris versicolor	Blue Flag	3
Mimulus ringens	Monkeyflower	3
Asclepias incarnata	Swamp Milkweed	2
Dulichium arundinaceum	Three Way Sedge	2
Solidago patula	Rough Leaved Goldenrod	2
Lobelia siphilitica	Blue Lobelia	1
	Total	100
Seeding rates: 25 b	oulk lbs/acre with grain oats or	equal at 30 lbs/acre

I Mix	Scrub St	Scrub Shrub Wetland Seed Mix		
PERCENT SEED	SCIENTIFIC NAME	COMMON NAME	PERCENT SEE	
27	Elymus virginicus	Virginia wildrye	15	
10	Panicum clandestinum	deertongue	10	
8	Andropogon gerardii	big bluestem	10	
8	Sorghastrum nutans	indian grass	10	
8	Panicum virgatum	switchgrass	25	
7	Carex lurida	lurid sedge	10	
5	Helianthus angustifolius	swamp sunflower	6.5	
5	Rudbeckia hirta	black-eyed susan	3.3	
3	Verbena hastata	blue vervain	3	
3	Juncus effuses	soft rush	2	
3	Eupatorium perfoliatum	Boneset	1	
3	Eupatorium fistulosum	Joe Pye Weed	1	
3	Baptisia australis	false indigo	1	
2	Vernonia noveboracensis	New York ironweed	1	
2	Lobelia siphilitica	Great blue lobelia	0.5	
2	Monarda fistulosa	Wild bergemot	0.5	
1	Euthamia graminifolia	Grassleaf goldenrod	0.2	
100	Seeding rates: 25 bi	ulk lbs/acre with grain oats or	equal at 30 lbs/acre	
at 30 lbs/acre				

WETLAND RESTORATION

SCIENTIFIC NAME	COMMON NAME	PERCENT SEE	
Carex vulpinoidea	Fox Sedge	20	
Elymus virginicus	Virginia Wild Rye	20	
Carex squarrosa	Squarrose Sedge	10	
Scirpus atrovirens	Green Bulrush	8	
Verbena hastata	Blue Vervain	6	
Carex comosa	Cosmos Sedge	5	
Carex crinita	Nodding Sedge	5	
Zizia aurea	Golden Alexanders	4	
Asclepias incarnata	Swamp Milkweed	3	
Aster puniceus	Purple Stemmed Aster	3	
Eupatorium fistulosum	Joe Pye Weed	3	
Eupatorium perfoliatum	Boneset	3	
Euthamia graminifolia	Grass Leaf Goldenrod	3	
Mimulus ringens	Monkeyflower	3	
Vernonia noveboracensis	New York Ironweed	3	
Lobelia siphilitica	Blue Lobelia	1	
	Total	100	
Seeding rates: 25 h	ulk lbs/acre with grain oats or	ogual at 30 lbs/acro	

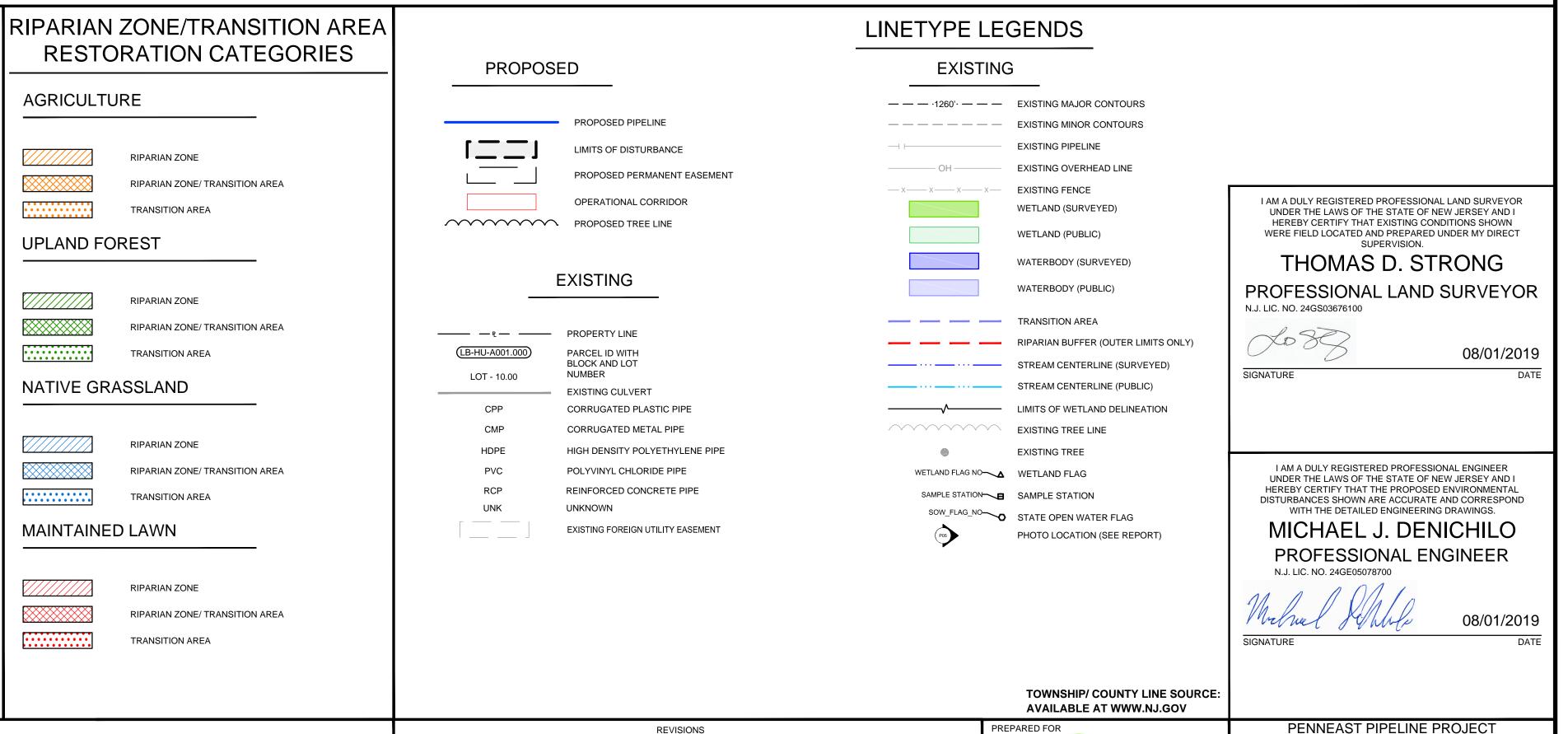
Maintained Lawn Wetland Seed Mix		
SCIENTIFIC NAME	COMMON NAME	PERCENT SEED
Elymus virginicus	Virginia Wild Rye	50
Festuca rubra	creeping red fescue	25
Lolium multiflorum	annual rye	20
Trifolium repens	whiteclover	5
	Total	100
Seeding rates: 25 b	oulk lbs/acre with grain oats or	equal at 30 lbs/acre
* Seed mix sub	ject to change based on lando	wner comments

NOTE: THIS SEED MIX WILL BE USED FOR PEM WETLANDS LOCATED IN MAINTAINED LAWN AREAS.

TEMPORARY SEED MIX

Temporary Seed Mix- As needed (30 lbs per acre)		
SCIENTIFIC NAME	COMMON NAME	PERCENT SEED
Lolium multiflorum	annual ryegrass	40
Avena sativa	oats	30
Secale cereale	winter rye	30
* All exposed soil shall be seeded with Temporary Seed Mix.		





PREPARED FOR

PREPARED BY

PennEast

MACDONALD

111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830

CERTIFICATE NO. 24GA28016600

RESTORATION PERMIT PLANS

LEGEND AND SEED MIX SHEET 2 OF 2 PROPOSED 36" PENNEAST PIPELINE PROPOSED 12" GILBERT LATERAL

PROPOSED 36" LAMBERTVILLE LATERAL

DRAWING NO.

PE-RES-C-006

REVISION

DATE DRAWN CK APPR

07/2019 RJP KEK

REVISIONS

REVISIONS

ISSUED FOR NJDEP PERMIT

